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FACSIMILE TRANSMITTAL COVER SHEET

DATE: July 5, 2002 ATTORNEY DOCKET NUMBER: WSHU 2005.1

PTO FACSIMILE NUMBER: 703-305-3014

PLEASE DELIVER THIS FACSIMILE TO: Examiner Monika B. Sheinberg

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Type of paper transmitted: Response to Notice of Non-Responsive  
Amendment

Applicant's Name: Washington University

Serial No. (Control No.): 09/637/216

Filing Date: August 11, 2000

Application Title: ANTIBACTERIAL COMPOUNDS DIRECTED AGAINST PILUS  
BIOGENESIS, ADHESION AND ACTIVITY

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WSHU 2005.1  
PATENT

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Application of Hultgren et al. Art Unit 1631  
Serial No. 09/637,216  
Filed August 11, 2000  
Confirmation No. 7884  
For ANTIBACTERIAL COMPOUNDS DIRECTED AGAINST PILUS BIOGENESIS,  
ADHESION AND ACTIVITY  
Examiner Monika B. Sheinberg

#17/B  
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7/8/02

July 5, 2002

RESPONSE TO NOTICE OF NON-RESPONSIVE AMENDMENT

TO THE ASSISTANT COMMISSIONER FOR PATENTS,

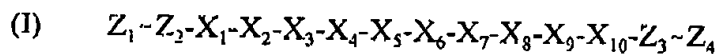
SIR:

In the Office action and Notice of Non-Responsive Amendment dated June 11, 2002, the Office stated that claims 1 and 12 contained discrepancies in Applicants' AMENDMENT B between the clean copy and the marked up version. In response to this Office action, please enter the following amendments:

IN THE CLAIMS:

Please replace claim 1 with the following:

B1  
1. (once amended) An isolated compound which inhibits pilus assembly, said compound comprising a mimic of a chaperone G<sub>1</sub> beta-strand or a mimic of an amino terminal motif of a pilus subunit, with at least two alternating hydrophobic amino acid residues or a 10 to 20 residue peptide according to formula (I):



or a pharmaceutically-acceptable salt thereof, wherein:

Z<sub>1</sub> is R-C(O)-NR- or RRN-;Z<sub>2</sub> is an optional 1 to 5 residue peptide or peptide analog;X<sub>1</sub> is any amino acid residue;X<sub>2</sub> is any amino acid residue;X<sub>3</sub> is a hydrophobic residue or a hydroxyl-substituted aliphatic residue;X<sub>4</sub> is any amino acid residue;X<sub>5</sub> is a hydrophobic residue or Gly;X<sub>6</sub> is a hydrophobic or a hydrophilic residue;X<sub>7</sub> is Gly, an amide-substituted polar residue or a hydrophobic residue;